

## 5-1. Essential information

### Emergency flashers

Use the emergency flashers if the vehicle malfunctions or is involved in an accident.



Press the switch to flash all the turn signal lights. To turn them off, press the switch once again.

#### NOTICE

##### **n To prevent 12-volt battery discharge**

Do not leave the emergency flashers on longer than necessary when the hybrid system is not operating.

## 5-1. Essential information

### If your vehicle needs to be towed

If towing is necessary, we recommend having your vehicle towed by your Lexus dealer or a commercial towing service, using a lift-type truck or a flatbed truck.

Use a safety chain system for all towing, and abide by all state/provincial and local laws.

#### Before towing

The following may indicate a problem with your hybrid transmission. Contact your Lexus dealer before towing.

- 1 The hybrid system is operating but the vehicle will not move.
- 1 The vehicle makes an abnormal sound.

#### Emergency towing



If a tow truck is not available in an emergency, your vehicle may be temporarily towed using a cable or chain secured to the emergency towing eyelet(s). This should only be attempted on hard surfaced roads for short distances at under 18 mph (30 km/h).

A driver must be in the vehicle to steer and operate the brakes. The vehicle's wheels, drive train, axles, steering and brakes must be in good condition.

### 1 If emergency towing cannot be performed

The vehicle cannot be towed by another vehicle in the following situations because the front wheels may be locked by the parking lock. Transport the vehicle with both front wheels or all 4 wheels lifted using a flatbed or wheel-lift type truck.

- There is a malfunction in the smart access system with push-button start.
- The P position control system is malfunctioning. (→P. 502)
- The 12-volt battery is discharged.

### Installing towing eyelets

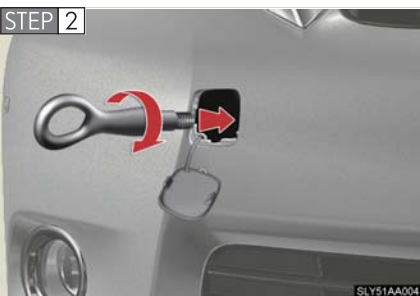
STEP 1



Remove the eyelet cover using a flathead screwdriver.

To protect the bodywork, place a rag between the screwdriver and the vehicle body, as shown in the illustration.

STEP 2



Insert the towing eyelet into the hole and tighten partially by hand.

STEP 3



Tighten down the towing eyelet securely using a wheel nut wrench.

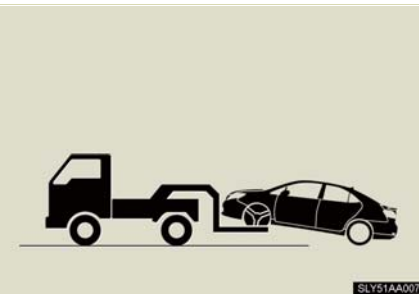
### Towing with a sling-type truck



Do not tow with a sling-type truck to prevent body damage.

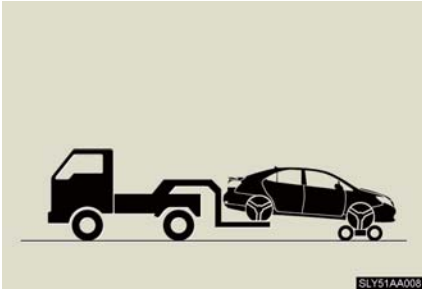
### Towing with a wheel-lift type truck

From the front



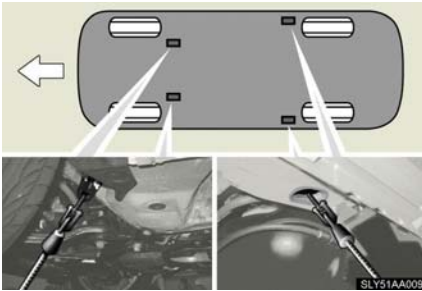
Release the parking brake.

### From the rear

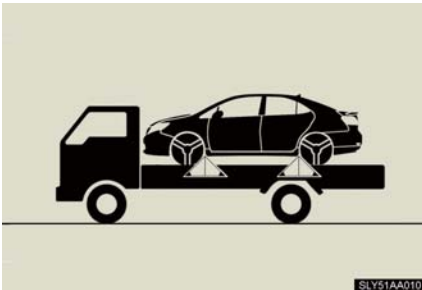


Use a towing dolly under the front wheels.

### Using a flatbed truck



If your Lexus is transported by a flatbed truck, it should be tied down at the locations shown in the illustration.



If you use chains or cables to tie down your vehicle, the angles shaded in black must be  $45^{\circ}$ .

Do not overly tighten the tie downs or the vehicle may be damaged.

### n Before emergency towing

- STEP 1** Turn the "POWER" switch to ON mode. (→P. 148)  
Do not turn the "POWER" switch to ACCESSORY mode.
- STEP 2** Release the parking brake.
- STEP 3** Change the shift position to N.  
When the "POWER" switch is in ACCESSORY mode, the shift position cannot be changed to N.

### n Emergency towing eyelet location

→P. 521

## CAUTION

### n Caution while towing

- I** Use extreme caution when towing the vehicle.  
Avoid sudden starts or erratic driving maneuvers which place excessive stress on the emergency towing eyelets and the cables or chains.
- I** Do not turn off the power switch.  
This may lead to accidents as the parking lock will be engaged.
- I** If the hybrid system is off, the power assist for the brakes and steering will not function, making steering and braking more difficult.

### n Installing towing eyelets to the vehicle

Make sure that the towing eyelets are installed securely.  
If not securely installed, the towing eyelets may come loose during towing. This may lead to accidents that cause serious injury or even death.

### NOTICE

**n To prevent damage the vehicle when towing using a wheel-lift type truck**

When raising the vehicle, ensure adequate ground clearance for towing at the opposite end of the raised vehicle. Without adequate clearance, the vehicle could be damaged while being towed.

**n To prevent body damage when towing using a sling-type truck**

Do not tow with a sling-type truck, either from the front or rear.

**n To prevent causing serious damage to the transmission when emergency towing**

Never tow a vehicle from the rear with four wheels on the ground. This may cause serious damage to the transmission.

### If you think something is wrong

If you notice any of the following symptoms, your vehicle probably needs adjustment or repair. Contact your Lexus dealer as soon as possible.

#### **n Visible symptoms**

- 1 Fluid leaks under the vehicle  
(Water dripping from the air conditioning after use is normal.)
- 1 Flat-looking tires or uneven tire wear
- 1 High engine coolant temperature warning light flashes or comes on

#### **n Audible symptoms**

- 1 Changes in exhaust sound
- 1 Excessive tire squeal when cornering
- 1 Strange noises related to the suspension system
- 1 Pinging or other noises related to the hybrid system

#### **n Operational symptoms**

- 1 Engine missing, stumbling or running rough
- 1 Appreciable loss of power
- 1 Vehicle pulls heavily to one side when braking
- 1 Vehicle pulls heavily to one side when driving on a level road.
- 1 Loss of brake effectiveness, spongy feeling, pedal almost touches the floor



## 5-1. Essential information

### Event data recorder

Your vehicle has computers that monitor and control certain aspects of your vehicle. These computers assist in driving and maintaining optimal vehicle performance.

Besides storing data useful for troubleshooting, there is an event data recorder (EDR) that records data in a crash or near crash event.

#### In a crash or a near crash event

The SRS airbag sensor assembly contains the EDR. In a crash or near crash event, this device may record some or all of the following information:

- 1 Engine speed
- 1 Whether the brake pedal was applied or not
- 1 Vehicle speed
- 1 To what extent the accelerator pedal was depressed
- 1 Hybrid transmission shift position
- 1 Whether the driver and front passenger wore seat belts or not
- 1 Driver's seat position
- 1 SRS airbag deployment data
- 1 SRS airbag system diagnostic data
- 1 Front passenger's occupant classification

The information above is intended to be used for the purpose of improving vehicle safety performance. Unlike general data recorders, the EDR does not record sound data such as conversation between passengers.

### Disclosure of the data

Lexus will not disclose the data recorded in an EDR to a third party except when:

- 1 An agreement from the vehicle's owner (or the leasing company for a leased vehicle) is obtained
- 1 Officially requested to by the police or other authorities
- 1 Necessary, for use as a defense for Lexus in a lawsuit
- 1 Ordered to by a court of law

However, if necessary Lexus will:

- 1 Use the data for research on Lexus vehicle safety performance
- 1 Disclose the data to a third party for research purposes without disclosing details of the vehicle owner, and only when it is deemed necessary
- 1 Disclose summarized data cleared of vehicle identification information to a non-Lexus organization for research purposes